

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------------|---|------------------|---------|------------------|
| S1 | 2773 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/05 07:57 |
| S2 | 1785 | S1 and @pd<"20030209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 10:25 |
| S4 | 2773 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/05 12:42 |
| S5 | 1785 | S4 and @pd<"20030209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/05 12:44 |
| S7 | 694 | S5 and photodiode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/05 12:44 |
| S8 | 541 | S7 and array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:25 |
| S9 | 2780 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:25 |
| S10 | 1785 | S9 and @pd<"20030209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:25 |

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| S11 | 694 | S10 and photodiode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 11:25 |
| S12 | 541 | S11 and array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 13:19 |
| S13 | 27 | S12 and passivation adj layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:27 |
| S14 | 1091 | S10 not S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 12:28 |
| S15 | 611 | 348/294.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 16:37 |
| S16 | 370 | S15 and @pd<"20030209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 18:51 |
| S17 | 5 | S16 and staircase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 16:44 |
| S18 | 19 | S16 and grid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 16:48 |

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| S19 | 241 | S15 not S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 18:51 |
| S20 | 56 | S19 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/06 18:52 |
| S21 | 0 | 348/302+.ccls | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 10:25 |
| S22 | 0 | 348/302+.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 10:26 |
| S23 | 380 | 348/302.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:10 |
| S24 | 267 | S23 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 10:27 |
| S25 | 1 | ("20010038065").PN. | US-PGPUB | OR | OFF | 2005/10/07 13:03 |
| S26 | 7666 | (grid or mesh) adj lines | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 13:05 |
| S27 | 1777 | S26 and (pixel or photodiode or (photo adj diode) or photo adj sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 13:08 |

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| S28 | 40 | S27 and (bias adj voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 13:11 |
| S29 | 0 | S27 and (bias near voltage near line\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 13:12 |
| S30 | 3 | S27 and (bias near line\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 13:16 |
| S31 | 1564 | S27 and (bias or data or gate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 13:17 |
| S32 | 49 | S31 and stair\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:20 |
| S33 | 0 | "370".S26.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:20 |
| S34 | 0 | 370/14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:21 |
| S35 | 252 | 250/370.14.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:39 |

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| S36 | 230 | S35 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:22 |
| S37 | 786 | 250/370.01.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:42 |
| S38 | 33235382 | S37 @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 14:43 |
| S39 | 719 | S37 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 15:07 |
| S40 | 1030 | 257/53.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 15:09 |
| S41 | 993 | S40 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 15:08 |
| S42 | 653 | 257/291.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:11 |
| S43 | 509 | S42 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 15:11 |

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| S44 | 762 | 257/292.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:12 |
| S45 | 547 | S44 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:17 |
| S46 | 320 | S45 not("291" or "290" or "294") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:19 |
| S47 | 972 | 257/458.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:31 |
| S48 | 611 | 348/294.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:59 |
| S49 | 426 | S48 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 16:31 |
| S50 | 123 | 348/300.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:05 |
| S51 | 97 | S50 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:00 |

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| S52 | 118 | 348/301.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:05 |
| S53 | 81 | S52 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:06 |
| S54 | 126 | 348/304.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:22 |
| S55 | 114 | S54 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:11 |
| S56 | 899 | 348/207.99.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:22 |
| S57 | 593 | S56 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/07 17:23 |
| S58 | 2866 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:26 |
| S59 | 39 | S58 and ((mesh\$4 or interconnecting or grid) near line\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:36 |

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| S60 | 32 | 348/281.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:39 |
| S61 | 396 | 348/302.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:39 |
| S62 | 704 | S58 and ((signal or current or bias or voltage or supply or feed) near line\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:29 |
| S63 | 532 | S62 and array\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:30 |
| S64 | 275 | S63 and (transistor\$2 and (photodiode\$2 or photo-diode\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:43 |
| S65 | 19 | S64 and (passivation adj layer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:44 |
| S66 | 19 | S65 and (n+ or p+ or N+ or P+ or silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:46 |
| S67 | 24 | vsfd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 19:12 |

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| S68 | 2881 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 09:43 |
| S69 | 2116 | S68 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:08 |
| S70 | 104 | S69 and passivation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 13:59 |
| S71 | 1 | ("5619033").PN. | USPAT | OR | OFF | 2006/01/12 14:00 |
| S72 | 2881 | 250/208.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:10 |
| S73 | 2116 | S72 and @pd<"20040209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:10 |
| S74 | 104 | S73 and (passivation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:11 |
| S75 | 100 | S74 and (silicon or p+ or n+ or conductive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:11 |
| S76 | 7 | S74 and (silicon and p+ and n+ and conductive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:11 |